

Title (en)
DISTRIBUTED COMPUTER CONTROL SYSTEM

Publication
EP 0125809 A3 19860319 (EN)

Application
EP 84302643 A 19840418

Priority
US 48631683 A 19830419

Abstract (en)
[origin: EP0125809A2] In a distributed computer control system in which remote stations are interconnected by a communications link, the remote stations take turns having supervisory control over the communications link. Each remote is numbered in sequence in a predetermined succession order and takes its turn having control of the communications link in accordance with this succession order. When a remote station has completed its turn of having supervisory control, it transmits a first control message over the communications link. The next remote station in the succession order then takes control over the communications link by transmitting a second control message over the communications link. Each remote station has two variable timers which are set in response to said first control message and said second control message, respectively, and have time out intervals depending upon the offset of the receiving remote station from the remote station which transmitted the control message. If and when any of these variable timers times out in a given remote station, then that remote station will assume control of the communications link by transmitting the second control message on the communications link.

IPC 1-7
G06F 3/04

IPC 8 full level
H04Q 9/00 (2006.01); **G06F 13/368** (2006.01); **H04L 12/417** (2006.01)

CPC (source: EP US)
G06F 13/368 (2013.01 - EP US); **H04L 12/417** (2013.01 - EP US)

Citation (search report)
• [AD] US 4304001 A 19811201 - COPE MICHAEL E
• [A] US 4209840 A 19800624 - BERARDI JAMES A [US], et al
• [X] CONTROL ENGINEERING, vol. 27, no. 9, September 1980, pages 120-132, St. Pontiac, Illinois, US; M.J.McGOWAN: "Process bus protocol orchestrates distributed or centralized control"

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EP0194673A3; EP0718774A1; GB2181026A; AU716969B2; EP0785662A3; US6178475B1; DE102015113774A1

Designated contracting state (EPC)
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EP 0125809 A2 19841121; EP 0125809 A3 19860319; AU 2671084 A 19841025; AU 568552 B2 19880107; CA 1212479 A 19861007; ES 531786 A0 19850116; ES 8502824 A1 19850116; JP H0210622 B2 19900308; JP S59205852 A 19841121; US 4583089 A 19860415

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